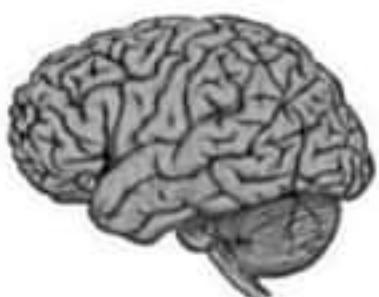


Revision on the practical exam 6 th Prim.

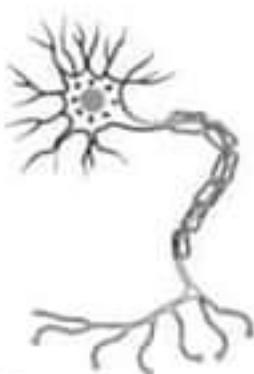
Question (1):- Write down the name of the sample
in front of you:- اكتب اسم العينة الموجودة امامك



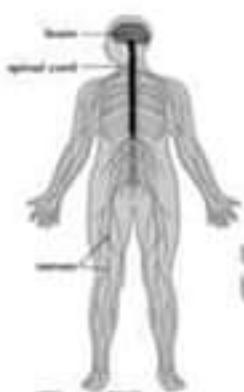
Brain



One arm scale with pointer



Neuron



Nervous system



Spring balance



Skull



Medical thermometer

تمييزي للجمع نرام التفوق

MR. MOHAMED TAHÄ

HTTP://STARPROFM.BLOGSPOT.COM/EG/

التجربة Question (2) :- Experiment

Connect a jar of germinated bean seeds to another jar containing clear lime water and leave them for a suitable time, then write your:-



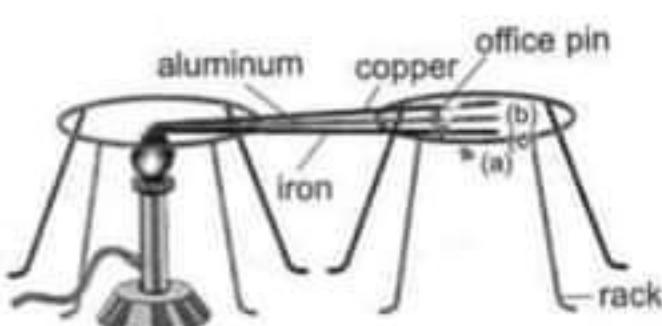
Observation

The clear lime water becomes milky

Conclusion:-

Carbon dioxide gas is produced from the plant respiration

Question (2) :- Heat three metallic rods of iron, copper and aluminium after attaching them by pins fixed by wax, and then write your:-



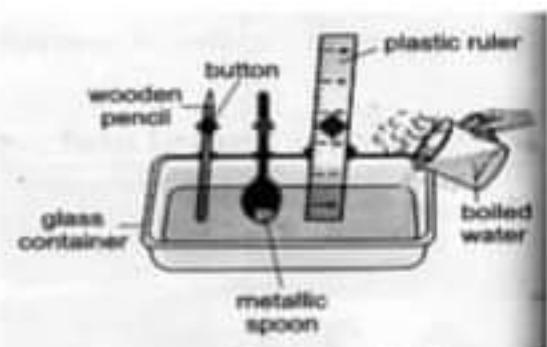
Observation:-

The pins of copper, aluminium and iron fall one after one respectively

Conclusion:-

Copper conducts heat faster than aluminium, faster than iron

Question (2) :- Stick a button by wax on a ruler, a metallic spoon and a pencil, then put them in a container filled with boiled water and then write your:-



Observation:-

The button of the spoon falls down , while the buttons of pencil and ruler do not fall

Conclusion:-

The Metallic spoon is a heat conductor material, while wood and plastic are insulators

تمنياتي للجميع دوام التفوق

Best wishes

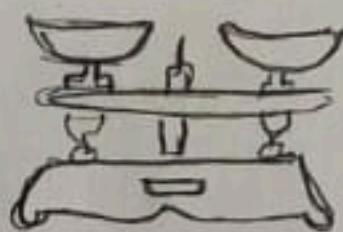
II

SCIENCE جغرافیا

its name: balance scale

it used: to measure large masses

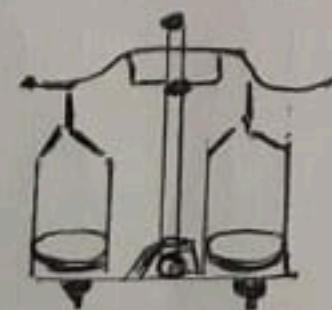
Types: Two-arms-scales



its name: sensitive scale

it used: to measure small masses

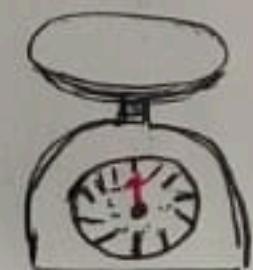
Types: Two-arms-scales



its name: scale with pointer

it used: to measure large masses

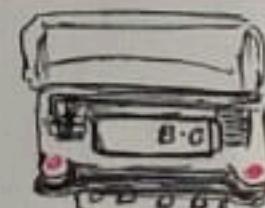
Types: one-arm scale



its name: digital scale

its used: to measure small masses

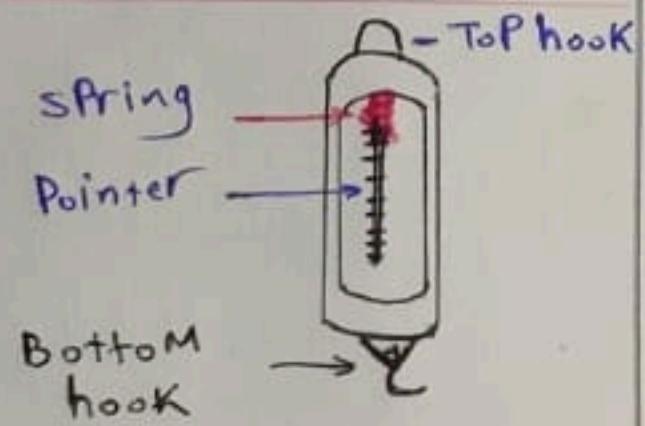
Types: one-arm scale



its name: spring scale

its uses: To measure weight

Consists of: Top hook - Spring
Pointer - Bottom hook



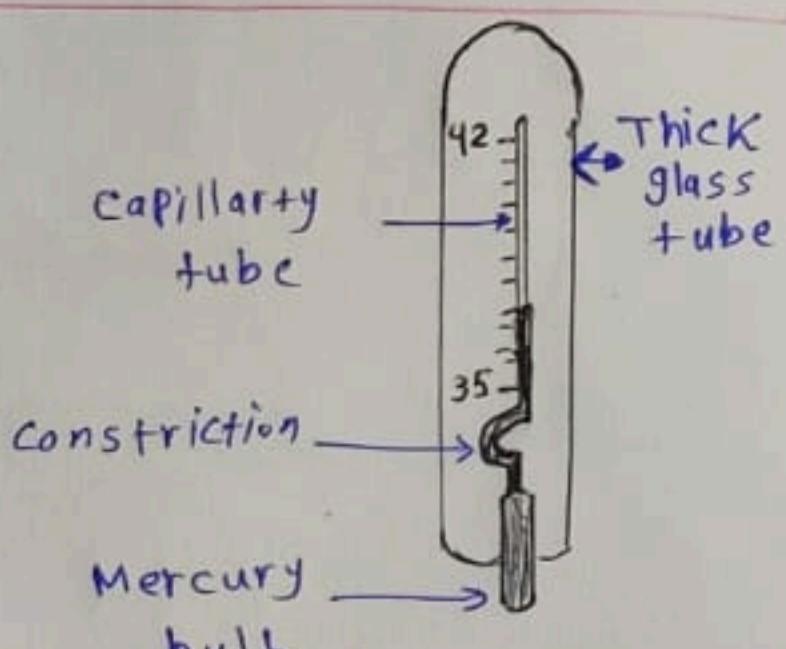
its name: Medical temperature

its uses: To measure the temperature of human body

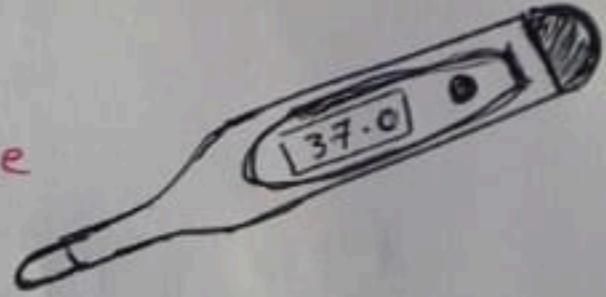
Consists of:

- ① Thick glass tube
- ② capillary tube
- ③ constriction
- ④ mercury bulb

start from -35° to 42°



2) its name: Digital thermometers
 its uses: to measure the temperature digitally
 and used especially for children

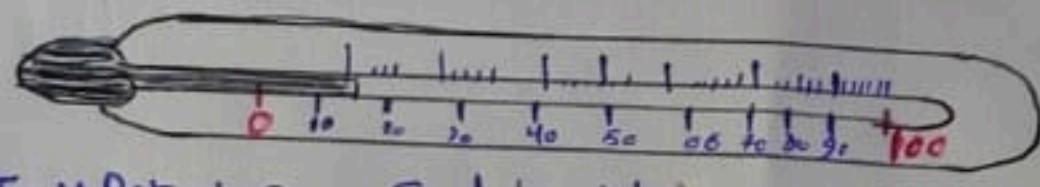


its name: Celsius thermometers

its uses: to measure the temperature of liquids

consists of:

- ① thick glass tube
- ② capillary tube
- ③ mercury bulb



start from 0° to 100°

write the labels indicated by the numbers!

(1) Mercury bulb

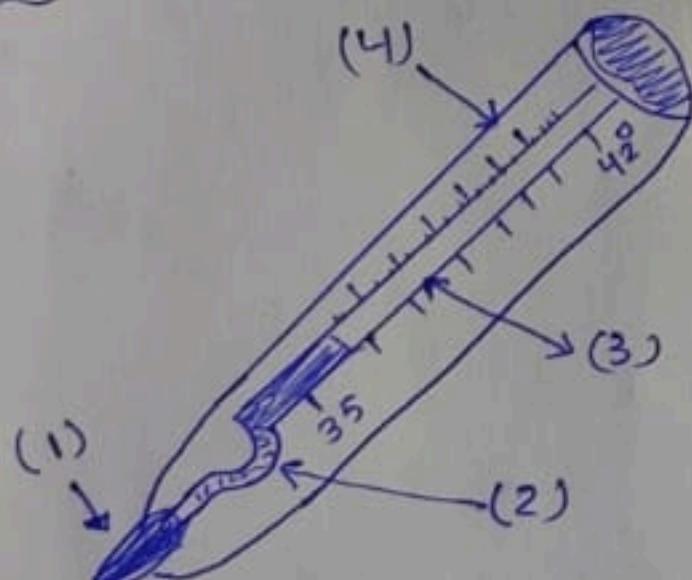
(2) Constriction

(3) Capillary tube

(4) Thick glass tube

(5) The scale of this thermometer

start from 35° to 42°



(Medical) thermometer

Need

in the photosynthesis process

①

Light energy

From the sun

②

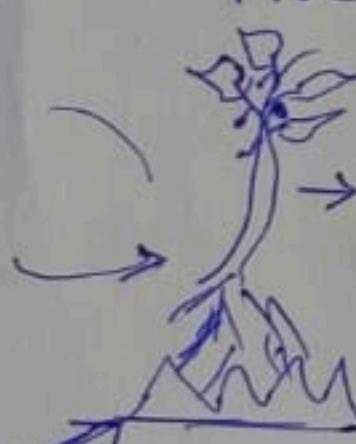
carbon dioxide

From the air

③

water and mineral salts

From the soil



①

Nutrients

②

Oxygen

3

Preparation of oxygen gas

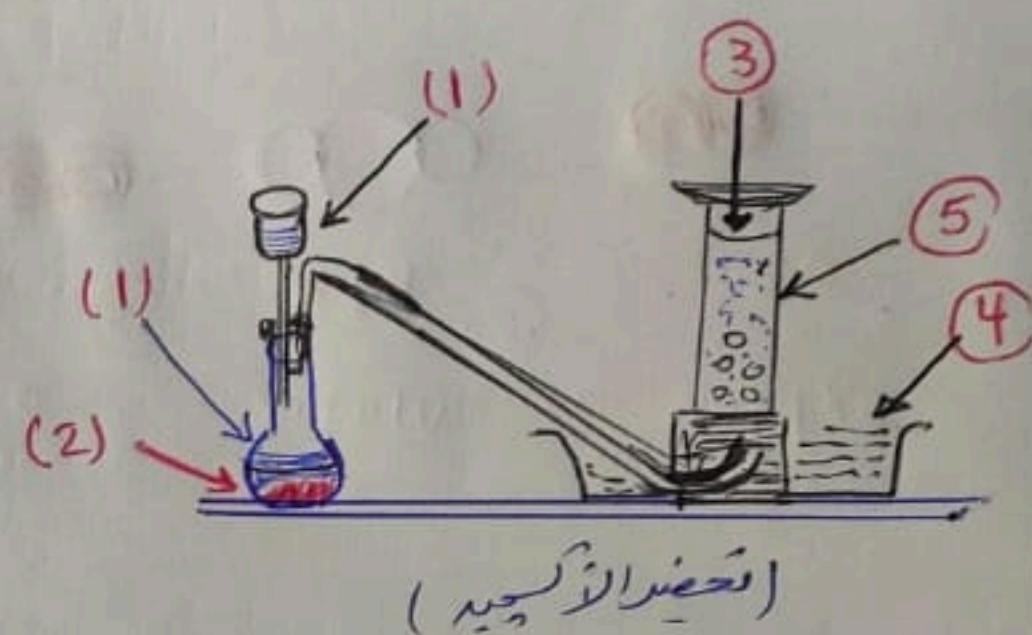
① → Hydrogen Peroxide

② → Manganese dioxide

③ - oxygen

④ - water

⑤ - cylinder



⑥ oxygen collected by downward displacement of water

Preparation of Carbon dioxide

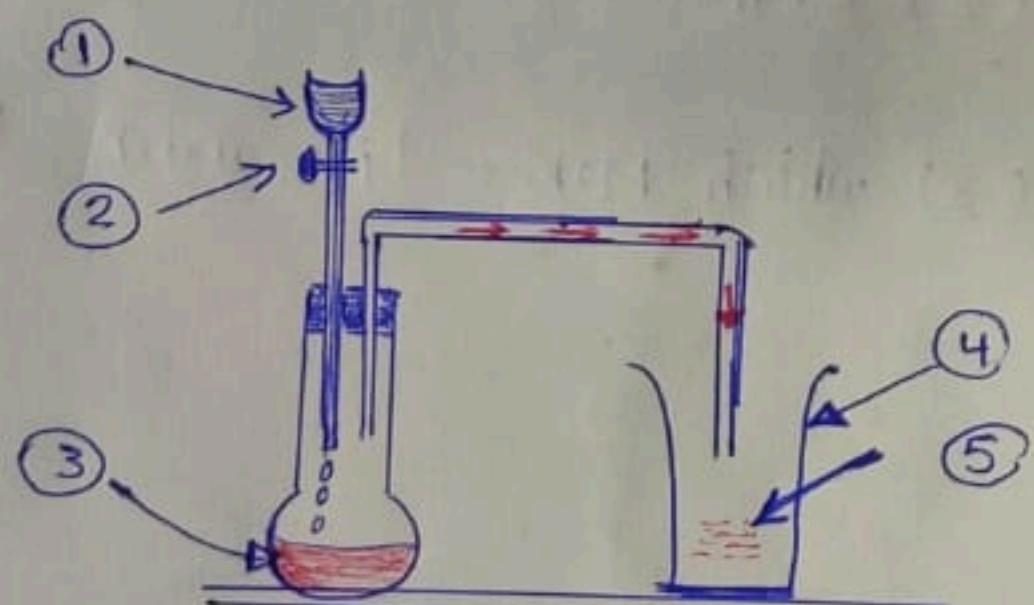
① → Dilute hydrochloric acid

② → Tap

③ → calcium carbonate

④ → Cylinder

⑤ → carbon dioxide gas



(nerve cell) (الخلية العصبية)

(1) - Nucleus

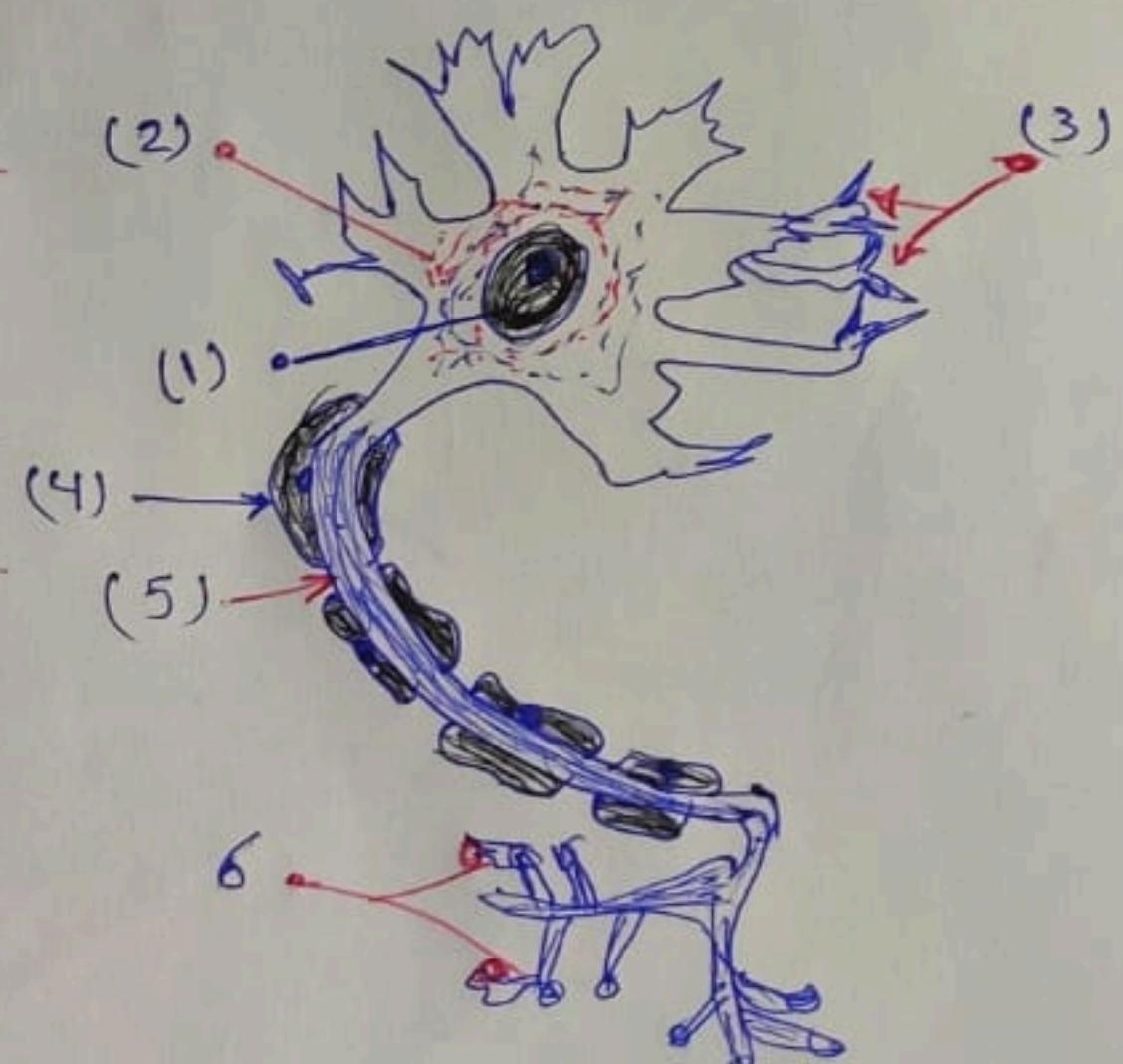
(2) - Cytoplasm

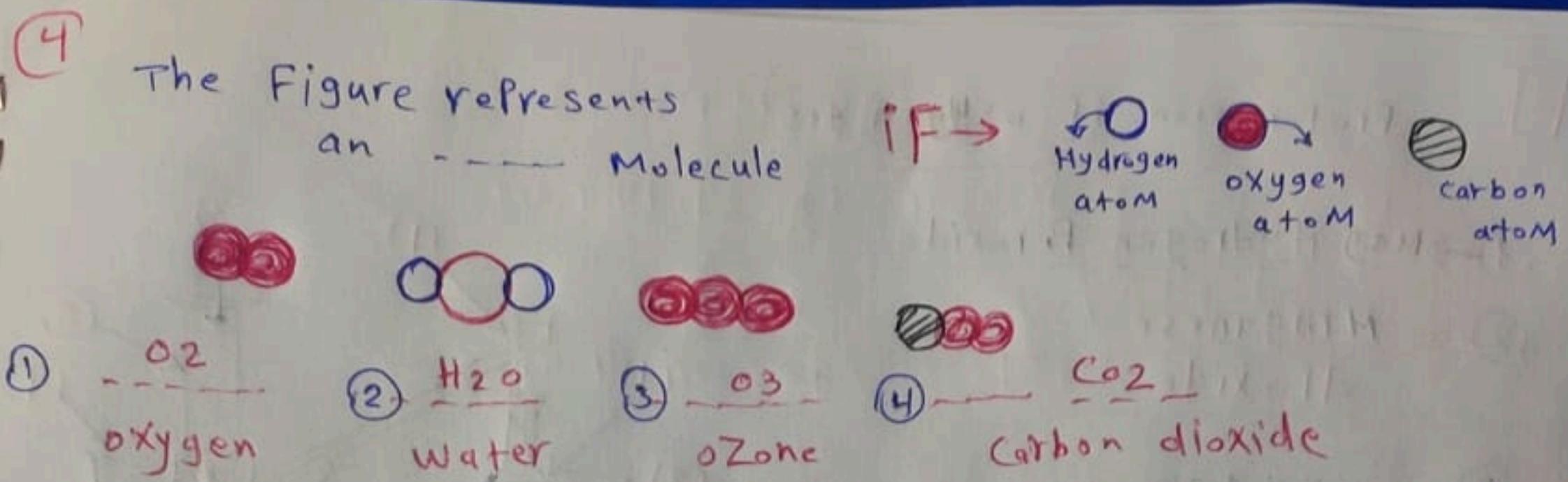
(3) - Dendrites

(4) - Myelin sheath

(5) - A Xon

(6) - Axon terminals

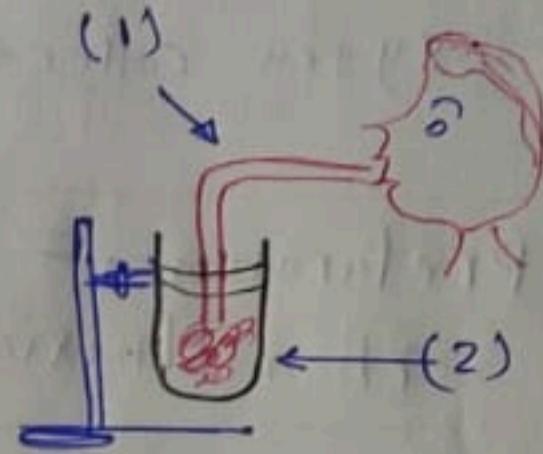




(1) Juice straw

(2) exhaled air contains Carbon dioxide

(3) which makes Lime water Milky.

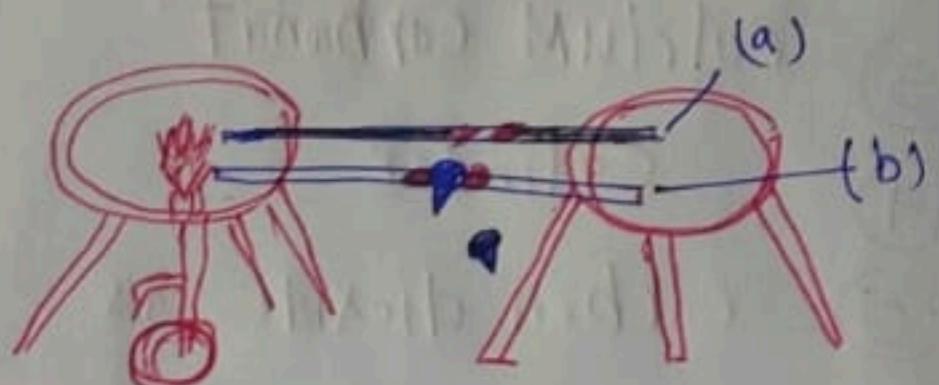


in opposite Figure is
an Iron nail Fixed with wax
on each of the two rods
- one of the two ~~the~~ rods
is Copper rod

and other is an aluminium rod

which rod in the opposite Figure is copper? why

(Solution)



- The rod (a) is copper because the Pin falls from it Faster than the other rod

• Copper conducts heat Faster than Aluminum

First term practical examination (2017 / 2018)

A) This Figure indicate the Structure Of ...Neur...Cell
(Neuron)

B) Write the labels indicated by the numbers

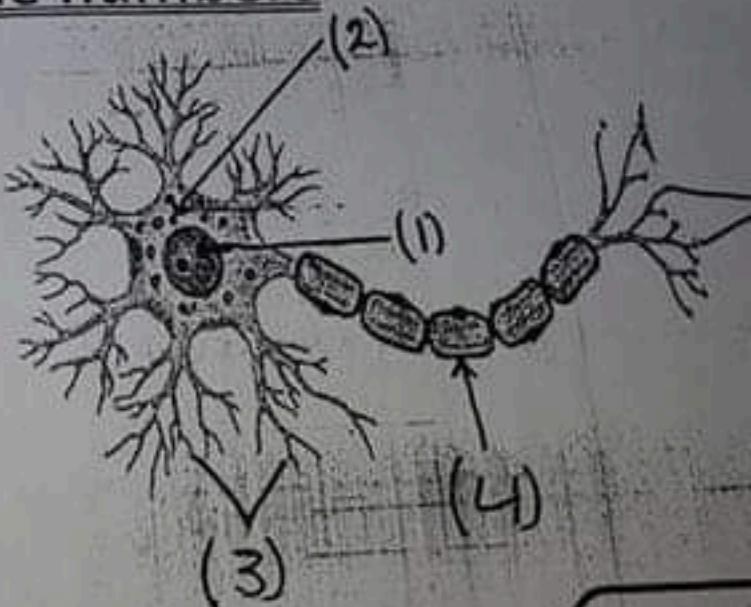
1).....Nucleus.....

3).....Cytoplasm.....

3).....Dendrites.....

4)Myelin Sheath

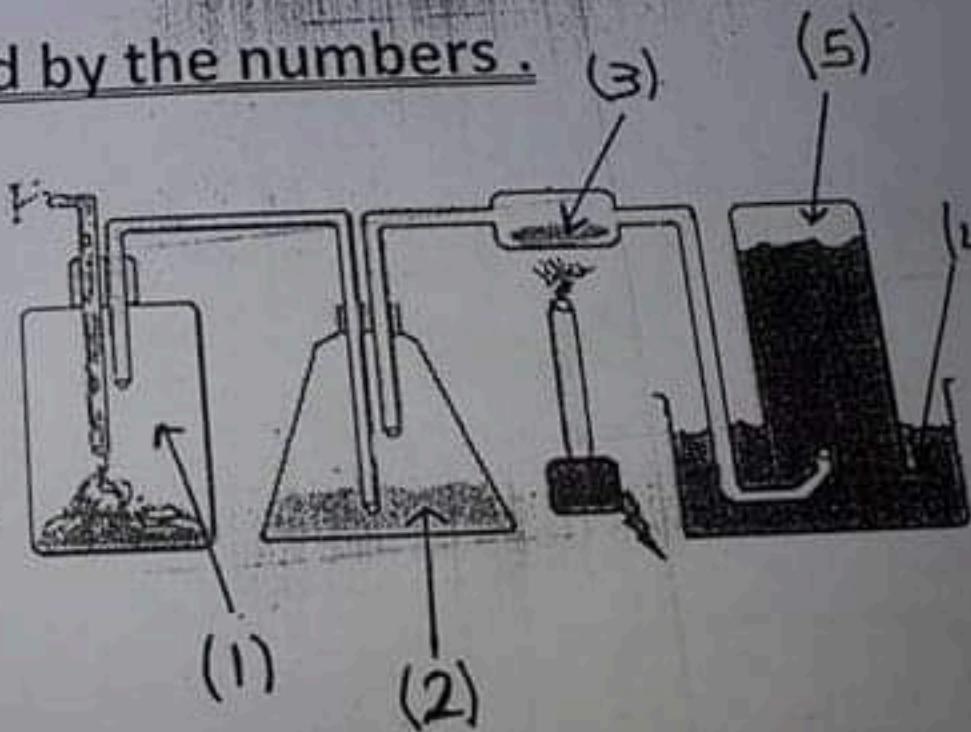
5)....axan....Terminals.



First term practical examination (2017 / 2018)

A) This apparatus used for the preparation
ofNitrogen.....

B) Write the labels indicated by the numbers .



1).....Mixed air.....

2)...Concentrated Sodium
or potassium hydroxide

3).....Hot Copper.....

4).....Water.....

5).....Nitrogen.....

First term practical examination (2017 / 2018)

A) This Figure shows the Medical thermometer

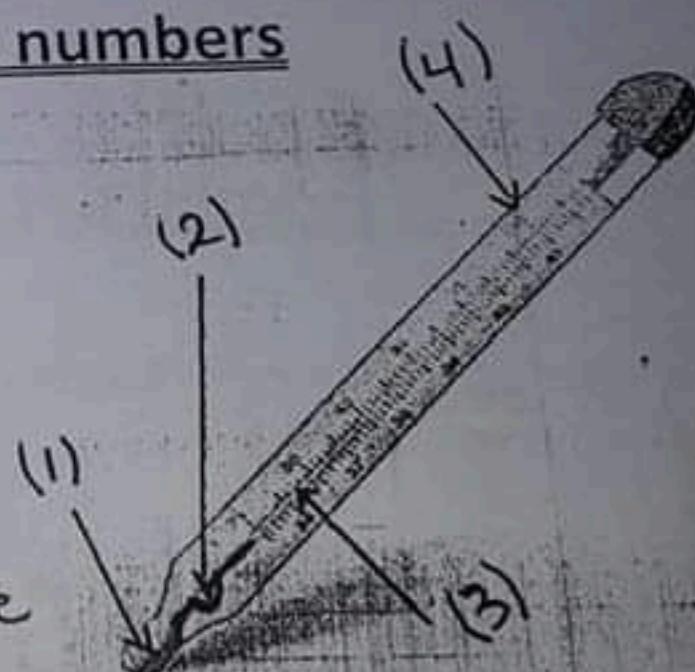
B) Write the labels indicated by the numbers

1) Mercury ... bulb

2) Constriction....

3) Capillary... tube

4) Thick... glass... tube



C) The scale of this thermometer start ... 35.....°C to ..42...°C

First term practical examination
(2017 / 2018)

A) This apparatus is used for the preparation
ofOxygen.....

B) Write the labels indicated by the numbers .

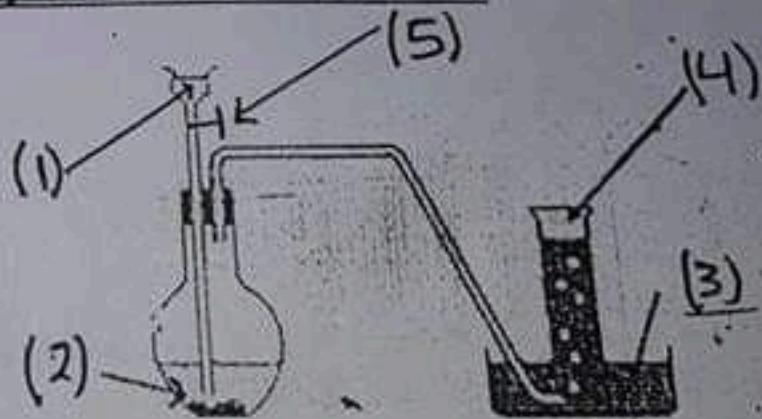
1).....Hydrogen peroxide

2).....Ferric Manganese
dioxide

3).....water.....

4).....Oxygen.....

5).....Tap.....



First term practical examination
(2017 / 2018)

A) This apparatus is used for the preparation
of.....Carbon.....dioxide.. gas.

B) Write the labels indicated by the numbers.

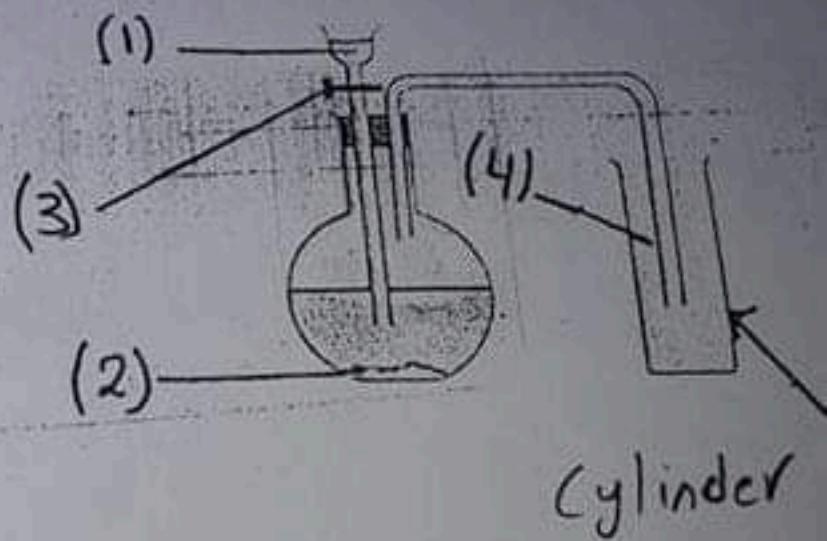
1).....Dilute hydrochloric acid

2).....Calcium....carbonate

3).....Tong.....

4).....Carbon.....dioxide..

5).....Cylinder.....

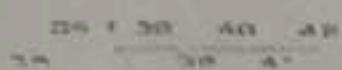


Practical Science

1) Write the name of this apparatus and its uses :

a-

* its name : Medical Thermometer



* its uses : To measure temperature of
الجسم البشري
human body

b-

* Its name : Celsius Thermometer

* its uses : To measure temperature of
Liquids

2) Classify These materials to heat conductors and heat insulators :

(wood - paper - iron - copper - Aluminium - sand)

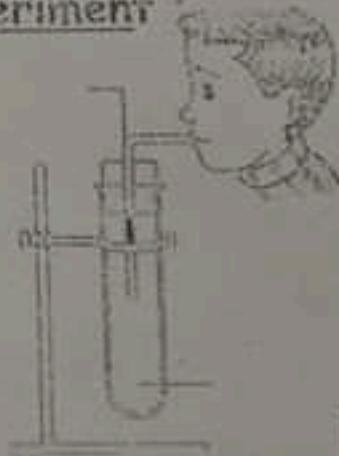
- Heat conductors : iron - copper - Aluminium
- Heat insulators : wood - paper - sand

3) Write your observation and conclusion on this experiment :

Obs : limewater becomes Turbid (milky)

Conc : exhaled air contains carbon dioxide, which

Makes limewater milky



4) Write name of this apparatus and its uses :

a-

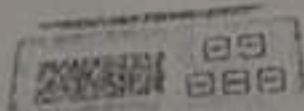
* its name : spring scale

* its uses : To measure weight of objects

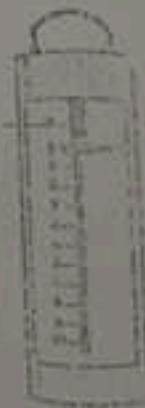
b..

* its name : Digital balance

* its uses : To measure mass of objects



(b)



E Write the name of this organ and write the labels on it :

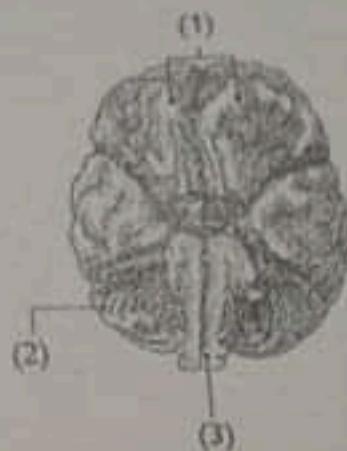
* The organ Brain

* The labels :

✓ 1- cerebrum

✓ 2- cerebellum

✓ 3- Medulla oblongata



6) Write the name of this system and write the labels on it

* The system : skeletal system العظام

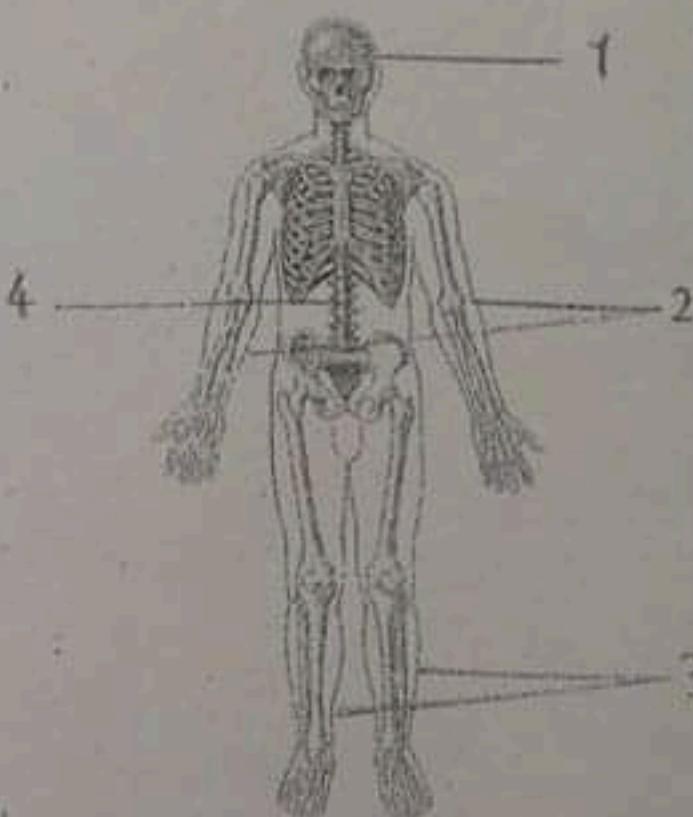
* The labels :

✓ 1- Skull ^{الجمجمة}

✓ 2- upper limbs ^{أطراف الأيدي}

✓ 3- Lower limbs ^{أطراف الساقين}

✓ 4- Back bone ^{عمود فقرات الظهر}



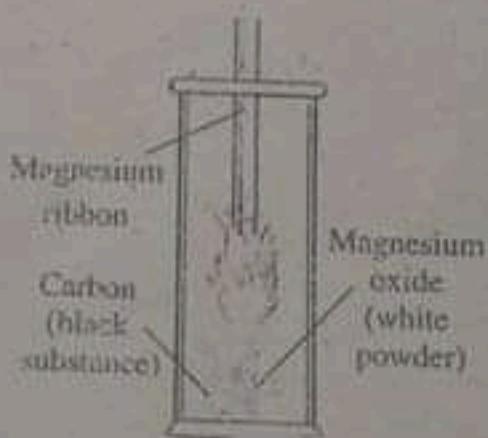
7) Write your conclusions :

Observation : formation of :

1- White substance

2- black substance

Conclusions :



When lighted magnesium ribbon is put in cylinder filed with CO_2

1- White substance is formed from magnesium oxide

2- black substance deposits on the wall of cylinder from (carbon)

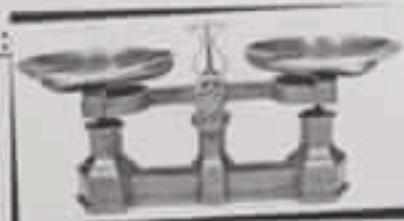


First term practical test (2015-2016).

A) Mention the name of the apparatus and its uses:

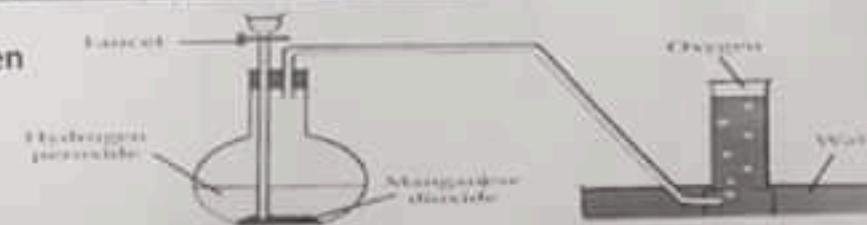
-Its name :balance scale

-Its uses: is used to measure large masses



B) Mention the name of produced gas then label the figures:

-Produced gas is: oxygen



1- Hydrogen peroxide

2- Manganese dioxide

Fig (3- 6): Oxygen evolution using salts of the air column.

A) Mention the name of the apparatus and its uses:

-Its name: sensitive two arm scale

-Its uses: is used to measure small masses

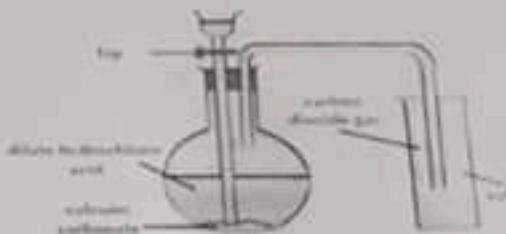


B) Mention the name of produced gas then label the figures:

-Produced gas is carbon dioxide

1- Dilute hydrochloric acid

2- Calcium carbonate



A) Mention the name of the apparatus and its uses:

-Its name :spring scale

-Its uses: is used to measure the weight



B

A) Mention the name of the apparatus and its uses:

-Its name: the medical thermometer

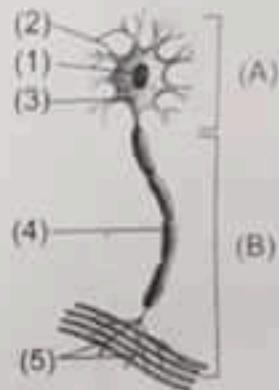
-Its uses: is used to measure the temperature the human body

2- Label the opposite figure

1-nucleus

2- Dendrites

3- Cytoplasm

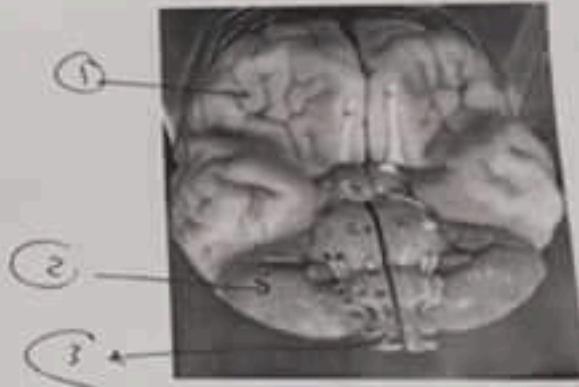


B) Label the organ in front of you:

1- Cerebrum

2- Cerebellum

3- The medulla oblongata

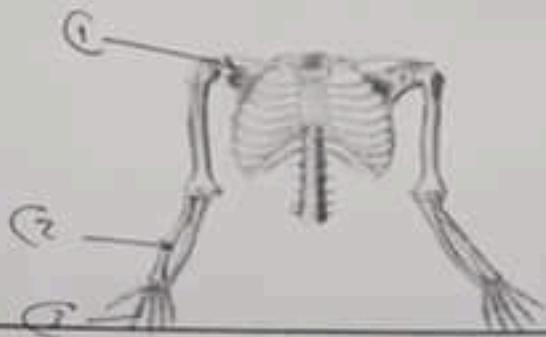


B) Label the apparatus in front of you:

1- Shoulder bones

2- fore arm bones

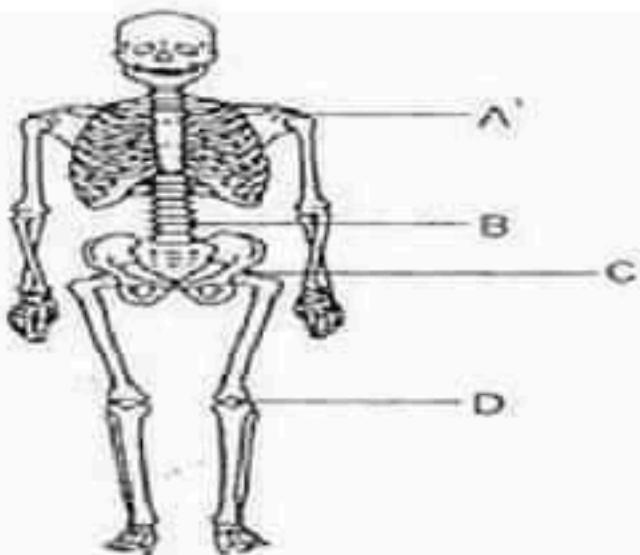
3- hand bones



Practical exam prim 6

Exp.(1)

Write the names of the labeled parts ?



A-Shoulder

B- backbone

C- pelvic

D- knee joint

Exp . (2)

1- Identify the following part of the human body ?

2- Write the names of the labeled parts ?



A- Neuron

B- 1- Nucleus

2- axon

3- terminals

Third Question : (A) Write the scientific term for each of the following:

- 1- The basic structural unit of the nervous system.
- 2- The liquid that is used in making the Thermometers.
- 3- The amount of matter in an object.
- 4- The bony box in which the brain is located .
- 5- Materials that do not let heat flow through.
- 6- Chemical substance formed in the atmosphere as a result of combination between oxygen and nitrogen during lightning.

(B) What happens in the following state :

- 1- Passing of carbon dioxide gas in clear lime water .
- 2- The over intake of stimulant materials such as tea and coffee .

Fourth Question :

(A) Give reasons for each of the following :

- 1- During preparation of Nitrogen gas, air is passed over concentrated potassium hydroxide solution.
- 2- The rib cage surround both the heart and the lungs .
- 3- Cooking pots are made of aluminum while their handles are made of plastic and wood.

(B)

The shown apparatus used in the preparation of oxygen gas in laboratory

- Write the labels indicated by the number.

